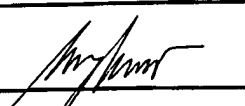


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2050505	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Merton Hahne et al	
		FILING DATE	GROUP

## U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	AA	1,185,435	05-1916	Powell			
	AB	1,229,465	06-1917	Hudson			
	AC	1,422,129	07-1922	Reuse			
	AD	1,557,841	10-1925	Holmes			
	AE	1,730,077	10-1929	Isachsen			
	AF	2,027,499	01-1936	Tully	280	33.44	
	AG	2,071,883	02-1937	Hodny	88	98	
	AH	2,120,422	06-1938	Williams et al	280	33.44	
	AI	2,133,065	10-1938	Weber	280	33.15	
	AJ	2,139,970	12-1938	Moore	280	33.44	
	AK	2,440,877	05-1948	Russell	280	33.14	
	AL	2,457,885	01-1949	Gatch	280	33.15	
	AM	2,486,483	11-1949	Landen	55	84	
	AN	2,522,793	09-1950	Koeckritz	280	33.55	
	AO	2,664,300	12-1953	Danielson et al	280	486	
	AP	2,746,771	05-1956	Gross	280	494	
	AQ	2,795,435	06-1957	Ortiz et al	280	446	
	AR	2,871,030	01-1959	Hollis	280	492	
	AS	2,916,301	12-1959	Cushman	280	491	
	AT	3,000,652	09-1961	Hawkins	280	406	
	AU	3,019,033	01-1962	Wegener et al	280	482	
	AV	3,281,162	10-1966	Carson	280	478	
	AW	3,384,391	05-1968	Batke	280	478	
	AX	3,492,022	01-1970	Hansen	280	478	
	AY	3,572,765	03-1971	Tieben	280	491	
✓	AZ	3,649,048	03-1972	Garnett	280	477	

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2040404	SERIAL NO.
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Donald R. Schoonover	
		FILING DATE	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
TV	BA	3,679,231	07-1972	Derr, Jr.	280	406A	
	BB	3,730,557	05-1973	Cox	280	504	
	BC	3,740,074	06-1973	Coil	280	402	
	BD	3,794,355	02-1974	Cracolice	280	482	
	BE	3,806,162	04-1974	Milner	280	502	
	BF	3,829,131	08-1974	Moore, Jr.	280	493	
	BG	3,843,164	10-1974	Flegel	280	492	
	BH	3,848,890	11-1974	MacAlpine	280	204	
	BI	3,938,830	02-1976	Lane	280	493	
	BJ	3,947,062	03-1976	Pierce	293	69R	
	BK	3,998,471	12-1976	Lutchemeier	280	492	
	BL	4,073,508	02-1978	George et al	280	478R	
	BM	4,200,306	04-1980	Helms	280	494	
	BN	4,326,730	04-1982	Tomen	280	502	
	BO	4,548,423	10-1985	Craven	280	492	
	BP	4,588,199	05-1986	Fisher	280	204	
	BQ	4,603,874	08-1986	Merrill	280	402	
	BR	4,640,523	02-1987	Wolmarans	280	491D	
	BS	4,711,461	12-1987	Fromberg	280	494	
	BT	4,714,264	12-1987	Woestelandt	280	456R	
	BU	4,727,949	03-1988	Rea et al	180	9.32	
	BV	4,768,803	09-1988	Hewitt et al	280	462	
	BW	4,856,805	08-1989	Davis	280	491.4	
	BX	4,861,061	08-1989	Frantz	280	479.2	
	BY	4,869,521	09-1989	Johnson	280	491.1	
✓	BZ	5,000,473	03-1991	Johnson	280	491.1	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
TV	CA	5,071,153	12-1991	Duncan	280	491.4	
	CB	5,088,754	02-1992	Skelton	280	491.3	
	CC	5,112,074	05-1992	Smith	280	483	
	CD	5,186,483	02-1993	Sheppard	280	494	
	CE	5,224,960	07-1993	Duncan	280	491.4	
	CF	5,232,240	08-1993	Johnson	280	491.5	
	CG	5,308,100	05-1994	Heider et al	280	474	
	CH	5,316,330	05-1994	Bergeron	280	477	
	CI	5,346,243	09-1994	Boeck	280	478.1	
	CJ	5,356,166	10-1994	Hahne et al	280	491.4	
	CK	5,516,140	05-1996	Hinte	280	494	
	CL	RE35,482	03-1997	Johnson	280	491.5	
	CM	5,765,851	06-1998	Parent	280	491.4	
	CN	5,873,595	02-1999	Hinte	280	504	
	CO	5,909,887	06-1999	Hobrath	280	32.7	
	CP	6,168,182 B1	01-2001	Ford	280	494	
	CQ	6,502,847 B1	01-2003	Greaves	280	494	
	CR	6,612,604 B2	09-2003	Greaves	280	494	
✓	CS						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
TV	DA	844,457	07-1970	Canada	280	42		
	DB	1,171,112	07-1974	Canada	280	141		
	DC	153,309	01-1952	Sweden				
	DD	269,114	01-1971	U.S.S.R.	280	491.4		
✓	DE	725,339	03-1955	United Kingdom				

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